

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application of: Al-Dhahir et al.

Group Art Unit: Not Yet Assigned

Serial No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: Herewith

For: METHOD AND APPARATUS FOR FILTERING DIGITAL TELEVISION SIGNALS

PRELIMINARY AMENDMENT PURSUANT TO 37 CFR 1.173

BOX REISSUE

Commissioner for Patents

Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application, kindly amend the claims as follows:

IN THE CLAIMS:

Please amend the claims as follows:

4. (AMENDED) The method of filtering a digital television transmission to according to claim 3 wherein said first data sequence corrupted by noise is used to compute an estimate of channel frequency response.

7. (AMENDED) The method of filtering a digital television transmission according to claim 6 wherein the step of determining said channel impulse response comprises the step of windowing an Inverse FFT (IFFT) of said quotient of the dividing step.

9. (AMENDED) The method of filtering a digital television transmission according to claim 8 wherein said step of estimating noise variance comprises the steps of:

convolving said windowed IFFT with said second data sequence to generate an